

Refine Search

Search Results -

Terms	Documents
L6 and (crosslink\$2 or (surface near modified) or (surface near modification))	7

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L7

Refine Search

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<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	L6 and (crosslink\$2 or (surface near modified) or (surface near modification))	7	<u>L7</u>
<u>L6</u>	L5 and (measuring and separating)	9	<u>L6</u>
<u>L5</u>	L1 and (continuous near production)	17	<u>L5</u>
<u>L4</u>	L3 and (crosslink\$2 or (surface near modification))	14	<u>L4</u>
<u>L3</u>	L2 and (measuring and separating)	23	<u>L3</u>
<u>L2</u>	L1 and (continuous or (continuous near production) or (continuous near polymerization))	156	<u>L2</u>
<u>L1</u>	water near absorbent near resin	979	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L3 and (crosslink\$2 or (surface near modification))	14

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L4

Search History

DATE: Sunday, November 20, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L4</u>	L3 and (crosslink\$2 or (surface near modification))	14	<u>L4</u>
<u>L3</u>	L2 and (measuring and separating)	23	<u>L3</u>
<u>L2</u>	L1 and (continuous or (continuous near production) or (continuous near polymerization))	156	<u>L2</u>
<u>L1</u>	water near absorbent near resin	979	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20050049379 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 14

File: PGPB

Mar 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050049379

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050049379 A1

TITLE: Particulate water-absorbent resin composition

PUBLICATION-DATE: March 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Adachi, Yoshifumi	Hyogo		JP
Kitayama, Toshimasa	Hyogo		JP
Dairoku, Yorimichi	Hyogo		JP

US-CL-CURRENT: 526/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Drawings
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☐ 2. Document ID: US 20050013992 A1

L4: Entry 2 of 14

File: PGPB

Jan 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050013992

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050013992 A1

TITLE: Crosslinked polyamine coating on superabsorbent hydrogels

PUBLICATION-DATE: January 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Azad, Michael M	Charlotte	NC	US
Herfert, Norbert	Charlotte	NC	US
Mitchell, Michael	Waxhaw	NC	US
Robinson, Jim	Chesapeake	VA	US

US-CL-CURRENT: [428/327](#); [427/212](#), [428/221](#), [428/336](#), [428/402.21](#), [428/402.22](#), [428/407](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMO	Drawings
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☐ 3. Document ID: US 20040254553 A1

L4: Entry 3 of 14

File: PGPB

Dec 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040254553

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040254553 A1

TITLE: Water-absorbent resin composition

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fujimaru, Hirotama	Himeji-shi		JP
Wada, Katsuyuki	Himeji-shi		JP
Ishizaki, Kunihiro	Osaka		JP
Imura, Motohiro	Shiki-gun		JP
Inoue, Hiroki	Kyoto-shi		JP

US-CL-CURRENT: [604/372](#); [524/1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMO	Drawings
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☐ 4. Document ID: US 20040240316 A1

L4: Entry 4 of 14

File: PGPB

Dec 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040240316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040240316 A1

TITLE: Method for production of water-absorbent resin and plow-shaped mixing device

PUBLICATION-DATE: December 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nogi, Kozo	Kakogawa-shi		JP
Sasabe, Masazumi	Kakogawa-shi		JP
Kadonaga, Kenji	Kakogawa-shi		JP
Irie, Yoshio	Himeji-shi		JP
Sakamoto, Shigeru	Himeji-shi		JP
Miyake, Koji	Akaiwa-gun		JP

US-CL-CURRENT: [366/348](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 5. Document ID: US 20040110914 A1

L4: Entry 5 of 14

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110914

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110914 A1

TITLE: Acrylic acid composition and its production process, and process for producing water- absorbent resin using this acrylic acid composition, and water-absorbent resin

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nakahara, Sei	Hyogo		JP
Ishizaki, Kunihiro	Osaka		JP
Fujimaru, Hirotama	Hyogo		JP
Nakashima, Yasuhisa	Hyogo		JP
Sakamoto, Kazuhiko	Hyogo		JP

US-CL-CURRENT: 526/317.1; 526/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 6. Document ID: US 20040110006 A1

L4: Entry 6 of 14

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110006

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110006 A1

TITLE: Process for continuous production of water-absorbent resin product

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ishizaki, Kunihiro	Osaka		JP
Kajikawa, Katsuhiko	Himeji-shi		JP

US-CL-CURRENT: 428/402; 525/326.1, 525/327.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 7. Document ID: US 20040106745 A1

L4: Entry 7 of 14

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040106745

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040106745 A1

TITLE: Water-absorbing agent and production process therefor, and sanitary material

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Nakashima, Yasuhisa	Hyogo		JP
Ikeuchi, Hiroyuki	Hyogo		JP
Fujita, Yasuhiro	Hyogo		JP
Nagasawa, Makoto	Hyogo		JP
Sakamoto, Shigeru	Hyogo		JP
Dairoku, Yorimichi	Hyogo		JP
Wada, Katsuyuki	Hyogo		JP
Fujino, Shinichi	Hyogo		JP
Kitayama, Toshimasa	Hyogo		JP
Hitomi, Kazuhisa	Hyogo		JP

US-CL-CURRENT: 525/418

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Drawings	Drawings
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☐ 8. Document ID: US 20030087983 A1

L4: Entry 8 of 14

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030087983

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030087983 A1

TITLE: Water-absorbent resin powder and its production process and uses

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kajikawa, Katsuhiro	Himeji-shi		JP
Nishioka, Toru	Himeji-shi		JP
Fujimaru, Hirotama	Himeji-shi		JP
Ishizaki, Kunihiro	Osaka		JP

US-CL-CURRENT: 522/150

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 9. Document ID: US 6716894 B2

L4: Entry 9 of 14

File: USPT

Apr 6, 2004

US-PAT-NO: 6716894

DOCUMENT-IDENTIFIER: US 6716894 B2

TITLE: Water-absorbent resin powder and its production process and uses

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kajikawa; Katsuhiro	Himeji			JP
Nishioka; Toru	Himeji			JP
Fujimaru; Hirotama	Himeji			JP
Ishizaki; Kunihiro	Suita			JP

US-CL-CURRENT: 522/150; 428/402, 428/500, 428/913, 521/56, 522/104, 522/107,
522/149, 522/153, 524/906, 526/317.1, 526/318, 526/319, 526/930, 604/367, 604/372

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 10. Document ID: US 6667372 B1

L4: Entry 10 of 14

File: USPT

Dec 23, 2003

US-PAT-NO: 6667372

DOCUMENT-IDENTIFIER: US 6667372 B1

TITLE: Continuous manufacturing method of water-absorbent polymer

DATE-ISSUED: December 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyake; Koji	Akaiwa-gun			JP
Hatsuda; Takumi	Takasago			JP
Fujita; Sachio	Himeji			JP
Nishigaki; Takashi	Himeji			JP
Ishizaki; Kunihiro	Suita			JP
Kajikawa; Katsuhiro	Himeji			JP

US-CL-CURRENT: 526/61; 526/71, 526/930

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Drawings
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☐ 11. Document ID: US 6140395 A

L4: Entry 11 of 14

File: USPT

Oct 31, 2000

US-PAT-NO: 6140395

DOCUMENT-IDENTIFIER: US 6140395 A

**** See image for Certificate of Correction ****

TITLE: Method of producing hydrophilic resin

DATE-ISSUED: October 31, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatsuda; Takumi	Takasago			JP
Miyake; Koji	Himeji			JP
Yano; Akito	Himeji			JP

US-CL-CURRENT: 523/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 12. Document ID: US 6100305 A

L4: Entry 12 of 14

File: USPT

Aug 8, 2000

US-PAT-NO: 6100305

DOCUMENT-IDENTIFIER: US 6100305 A

TITLE: Method of production of water-absorbing resin

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyake; Koji	Himeji			JP
Motono; Yoshihiro	Himeji			JP
Harada; Nobuyuki	Suita			JP
Yano; Akito	Himeji			JP
Kanto; Teruyuki	Himeji			JP
Sakamoto; Shigeru	Himeji			JP

US-CL-CURRENT: 521/53; 264/140, 264/165, 521/149, 521/54, 521/64

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 13. Document ID: US 6001911 A

L4: Entry 13 of 14

File: USPT

Dec 14, 1999

US-PAT-NO: 6001911

DOCUMENT-IDENTIFIER: US 6001911 A

TITLE: Absorbent resin, absorbent material and method of manufacturing the same

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishizaki; Kunihiro	Suita			JP
Obara; Hisanobu	Ohda			JP
Kitayama; Toshimasa	Himeji			JP
Motono; Yoshihiro	Himeji			JP
Harada; Nobuyuki	Suita			JP

US-CL-CURRENT: 524/388; 521/141, 521/149, 524/556, 524/557

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 14. Document ID: US 5981070 A

L4: Entry 14 of 14

File: USPT

Nov 9, 1999

US-PAT-NO: 5981070

DOCUMENT-IDENTIFIER: US 5981070 A

TITLE: Water-absorbent agent powders and manufacturing method of the same

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ishizaki; Kunihiro	Suita			JP
Nagasuna; Kinya	Himeji			JP
Harada; Nobuyuki	Suita			JP

US-CL-CURRENT: 428/407; 428/403, 521/53, 521/55, 521/57, 521/905, 524/800, 524/802, 524/804, 524/812, 525/54.24, 525/54.26, 525/63

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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Terms

Documents

L3 and (crosslink\$2 or (surface near
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